

Application No.	Applicant(s)	
09/955,951	SHIMIZU ET AL.	
Examin r	Art Unit	
Hai C Pham	2861	
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	Examin r Hai C Pham ars on the cover sheet with COR REMAINS) CLOSED in for other appropriate communication is suffered by the Examiner. der 35 U.S.C. § 119(a)-(d) of the examiner of this communication to file at ENT of this application. tted. Note the attached EXAMIS reason(s) why the oath or of the submitted. on's Patent Drawing Review of Amendment / Comment or in the header according to 37 CFR sit of BIOLOGICAL MATE FOR THE DEPOSIT OF BIOLOGICAL MATE FOR THE DEPOSIT OF BIOLOGICAL MATE STANDARD SITE OF BIOLOGICAL MATE SITE OF SITE	SHIMIZU ET AL. Art Unit

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REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: Claim 1 is patentable over the prior art patents and printed publications because of the specific structure of the optical printing head for printing data on a side margin of the photosensitive material, the optical printing head comprising a plurality of light emitting elements mounted on a substrate and arranged along a perpendicular direction to the conveying direction of the photosensitive material, a partitioning device mounted on the substrate for partitioning said light emitting elements from each other to prevent interference between rays from adjacent ones of said light emitting elements, a diffusion device for diffusing rays from said light emitting elements to equalize luminance of rays from each light emitting element, and a converging lens system for projecting rays from the light emitting elements onto the photosensitive material, wherein each of the light emitting elements is assigned to record a dot at a time when driven in synchronism with the conveying movement of the photosensitive material to print the latent image line by line. The combined limitations are not taught by the art of record alone or in combination.

Claim 14 is patentable over the prior art patents and printed publications because the optical printing head for printing data on a side margin of the photosensitive material further includes three light emitting element array units for emitting rays of three colors, each of the light emitting element array units being arranged along the perpendicular direction to the conveying direction of the photosensitive material, and dichroic mirrors

for fixing the rays of the three colors from said three light emitting element array units and directing them toward an exit of the optical printing head. The combined limitations are not taught by the art of record alone or in combination.

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Claim 16 is patentable over the prior art patents and printed publications because the optical printing head for printing data on a side margin of the photosensitive material further includes three separate optical printing heads each comprising a plurality of light emitting element for emitting rays of three colors, respectively, and arranged along the perpendicular direction to the conveying direction of the photosensitive material. The combined limitations are not taught by the art of record alone or in combination.

Claims 2-13, 15 and 17-32 are allowed because they are directly or indirectly dependent from claims 1, 14 and 16 above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the 2. examiner should be directed to Hai C Pham whose telephone number is (571) 272-2260. The examiner can normally be reached on M-F 8:30AM - 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen D Meier can be reached on (571) 272-2149. The fax phone

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number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HAI PHAM

PRIMARY EXAMINER

Hairclutham

June 24, 2004